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Engineering in Medicine and Biology Society, 2003. Proceedings of the 25th A International Conference of the IEEE, Volume: 1, 17-21 Sept. 2003

Pages:560 - 563 Vol.1

[\[Abstract\]](#)[\[PDF Full-Text \(601 KB\)\]](#)**IEEE CNF****2 Video retrieval based on dynamics of color flows***Del Bimbo, A.; Pala, P.; Tanganelli, L.;*

Pattern Recognition, 2000. Proceedings. 15th International Conference on, Volume: 1, 3-7 Sept. 2000

Pages:851 - 854 vol.1

[\[Abstract\]](#)[\[PDF Full-Text \(440 KB\)\]](#)**IEEE CNF****3 Retrieval by content of commercials based on dynamics of color flow***Del Bimbo, A.; Pala, P.; Tanganelli, L.;*

Multimedia and Expo, 2000. ICME 2000. 2000 IEEE International Conference on, Volume: 1, 30 July-2 Aug. 2000

Pages:479 - 482 vol.1

[\[Abstract\]](#)[\[PDF Full-Text \(448 KB\)\]](#)**IEEE CNF****4 Efficient image database filtering using colour vector techniques***Androutsos, D.; Plataniotis, K.N.; Venetsanopoulos, A.N.;*

Electrical and Computer Engineering, 1997. IEEE 1997 Canadian Conference on, Volume: 2, 25-28 May 1997

Pages:827 - 830 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(628 KB\)\]](#) [IEEE CNF](#)

5 Wavelet-based image indexing techniques with partial sketch retrieval capability

James Ze Wang; Gio Wiederhold; Firschein, O.; Sha Xin Wei;
Research and Technology Advances in Digital Libraries, 1997. ADL '97. Proceedings., IEEE International Forum on , 7-9 May 1997
Pages:13 - 24

[\[Abstract\]](#) [\[PDF Full-Text \(2040 KB\)\]](#) [IEEE CNF](#)

6 A feature-based face recognition system

Campadelli, P.; Lanzarotti, R.; Savazzi, C.;
Image Analysis and Processing, 2003.Proceedings. 12th International Conference on , 17-19 Sept. 2003
Pages:68 - 73

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE CNF](#)

7 A multiresolution technique for video indexing and retrieval

Calic, J.; Izquierdo, E.;
Image Processing. 2002. Proceedings. 2002 International Conference on , Volume 1 , 22-25 Sept. 2002
Pages:I-952 - I-955 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(356 KB\)\]](#) [IEEE CNF](#)

8 Classification of images as a pre-processing step for image retrieval

Tat Loong Chan; Ling Guan;
Acoustics, Speech, and Signal Processing, 2002. Proceedings. (ICASSP '02). 1 International Conference on , Volume: 4 , 13-17 May 2002
Pages:3648 - 3651

[\[Abstract\]](#) [\[PDF Full-Text \(394 KB\)\]](#) [IEEE CNF](#)

9 Performance evaluation of multiple regions-of-interest query for accessing image databases

Huseyin, O.; Chen, T.; Wu, H.R.;
Intelligent Multimedia, Video and Speech Processing, 2001. Proceedings of 2001 International Symposium on , 2-4 May 2001
Pages:300 - 303

[\[Abstract\]](#) [\[PDF Full-Text \(424 KB\)\]](#) [IEEE CNF](#)

10 Object-based intra-frame wavelet video coding

Morris, T.; Britch, D.;
Image and Signal Processing and Analysis, 2001. ISPA 2001. Proceedings of 12th International Symposium on , 19-21 June 2001
Pages:599 - 603

[\[Abstract\]](#) [\[PDF Full-Text \(856 KB\)\]](#) [IEEE CNF](#)

11 DjVu: analyzing and compressing scanned documents for Internet distribution

Haffner, P.; Bottou, L.; Howard, P.G.; LeCun, Y.;

Document Analysis and Recognition, 1999. ICDAR '99. Proceedings of the Fifth International Conference on , 20-22 Sept. 1999

Pages:625 - 628

[\[Abstract\]](#) [\[PDF Full-Text \(76 KB\)\]](#) [IEEE CNF](#)

12 Color documents on the Web with DjVu

Haffner, P.; LeCun, Y.; Bottou, L.; Howard, P.; Vincent, P.; Riemers, B.;

Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on , Volume: 1 , 1999

Pages:239 - 243 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(520 KB\)\]](#) [IEEE CNF](#)

13 A compact wavelet index for retrieval in image database

Albanesi, M.G.; Ferretti, M.; Giancane, A.;

Image Analysis and Processing, 1999. Proceedings. International Conference on , 27-29 Sept. 1999

Pages:927 - 932

[\[Abstract\]](#) [\[PDF Full-Text \(2220 KB\)\]](#) [IEEE CNF](#)

14 Windsurf: region-based image retrieval using wavelets

Ardizzoni, S.; Bartolini, I.; Patella, M.;

Database and Expert Systems Applications, 1999. Proceedings. Tenth International Workshop on , 1-3 Sept. 1999

Pages:167 - 173

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) [IEEE CNF](#)

15 Browsing through high quality document images with DjVu

Haffner, P.; Bottou, L.; Howard, P.G.; Simard, P.; Bengio, Y.; LeCun, Y.;

Research and Technology Advances in Digital Libraries, 1998. ADL 98. Proceedings. IEEE International Forum on , 22-24 April 1998

Pages:309 - 318

[\[Abstract\]](#) [\[PDF Full-Text \(544 KB\)\]](#) [IEEE CNF](#)

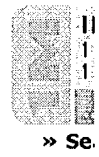
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16 **Wavelet based rate scalable video compression**
Ke Shen; Delp, E.J.;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 9 , Issue: 1 , Feb. 1999

Pages:109 - 122

[\[Abstract\]](#) [\[PDF Full-Text \(1000 KB\)\]](#) **IEEE JNL**
17 **Location- and density-based hierarchical clustering using similarity analysis**
Bajcsy, P.; Ahuja, N.;

Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 20 , Issue: 9 , Sept. 1998

Pages:1011 - 1015

[\[Abstract\]](#) [\[PDF Full-Text \(100 KB\)\]](#) **IEEE JNL**
18 **A new approach to image retrieval with hierarchical color clustering**
Xia Wan; Kuo, C.-C.J.;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 8 , Issue: 5 , Sept. 1998

Pages:628 - 643

[\[Abstract\]](#) [\[PDF Full-Text \(456 KB\)\]](#) **IEEE JNL**
19 **Image indexing using moments and wavelets**
Mandal, M.K.; Aboulnasr, T.; Panchanathan, S.;

Consumer Electronics, IEEE Transactions on , Volume: 42 , Issue: 3 , Aug. 1998

Pages:557 - 565

[\[Abstract\]](#) [\[PDF Full-Text \(956 KB\)\]](#) **IEEE JNL**

20 **Motion-compensated wavelet transform coding for color video compression**

Zhang, Y.-Q.; Zafar, S.;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 2 , Issue: 3 , Sept. 1992

Pages:285 - 296

[\[Abstract\]](#) [\[PDF Full-Text \(1016 KB\)\]](#) **IEEE JNL**

21 **Flexible subblocks for visual information retrieval**

ByoungChul Ko; Haesung Lee; Hyeran Byun;

Electronics Letters , Volume: 36 , Issue: 1 , 6 Jan. 2000

Pages:24 - 25

[\[Abstract\]](#) [\[PDF Full-Text \(116 KB\)\]](#) **IEEE JNL**

22 **Graph-theoretical approach to colour picture segmentation and classification**

Vlachos, T.; Constantinides, A.G.;

Communications, Speech and Vision, IEE Proceedings I , Volume: 140 , Issue 1 , Feb. 1993

Pages:36 - 45

[\[Abstract\]](#) [\[PDF Full-Text \(896 KB\)\]](#) **IEEE JNL**

23 **A novel image retrieval scheme in JPEG2000 compressed domain based on tree distance**

Lin Ni;

Information, Communications and Signal Processing, 2003 and the Fourth Pacific Rim Conference on Multimedia. Proceedings of the 2003 Joint Conference of the Fourth International Conference on , Volume: 3 , 15-18 Dec. 2003

Pages:1591 - 1594 vol.3

[\[Abstract\]](#) [\[PDF Full-Text \(366 KB\)\]](#) **IEEE CNF**

24 **Characteristics of weighted feature vector in content-based image retrieval applications**

Vadivel, A.; Majumdar, A.K.; Sural, S.;

Intelligent Sensing and Information Processing, 2004. Proceedings of International Conference on , 2004

Pages:127 - 132

[\[Abstract\]](#) [\[PDF Full-Text \(1746 KB\)\]](#) **IEEE CNF**

25 **Progressive content-based retrieval using tree-structure graphs**

Doulamis, N.D.; Doulamis, A.D.; Kollias, S.D.;

Electrotechnical Conference, 2000. MELECON 2000. 10th Mediterranean , Volume: 2 , 2000

Pages:550 - 553 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(364 KB\)\]](#) **IEEE CNF**

26 **Image indexing and retrieval using Gabor wavelet and Legendre moments**

Ahmadian, A.; Faramarzi, E.; Sayadian;

Engineering in Medicine and Biology Society, 2003. Proceedings of the 25th A International Conference of the IEEE , Volume: 1 , 17-21 Sept. 2003

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27 **Proceedings of International Conference on Image Processing**

Image Processing, 1997. Proceedings., International Conference on , Volume 2 , 26-29 Oct. 1997

[\[Abstract\]](#) [\[PDF Full-Text \(3752 KB\)\]](#) IEEE CNF

28 **A new algorithm for image indexing and retrieval using wavelet correlogram**

Moghaddam, H.A.; Khajoie, T.T.; Rouhi, A.H.;

Image Processing, 2003. Proceedings. 2003 International Conference on , Vo 3 , 14-17 Sept. 2003

Pages:III - 497-500 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(376 KB\)\]](#) IEEE CNF

29 **Real-time face detection in color video**

Szu-Hao Huang; Shang-Hong Lai;

Multimedia Modelling Conference, 2004. Proceedings. 10th International , 5-7 2004

Pages:338 - 345

[\[Abstract\]](#) [\[PDF Full-Text \(620 KB\)\]](#) IEEE CNF

30 **2002 7th International Conference on Control, Automation, Robotics and Vision (IEEE Cat. No.02EX649)**

Control, Automation, Robotics and Vision, 2002. ICARCV 2002. 7th International Conference on , Volume: 1 , 2-5 Dec. 2002

[\[Abstract\]](#) [\[PDF Full-Text \(3247 KB\)\]](#) IEEE CNF

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